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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

<i>Attorney Docket No.</i>	NTI1002US
<i>First Inventor</i>	Kurt A. Schroder
<i>Title</i>	Nanopowder Synthesis**
<i>Express Mail Label No.</i>	ER443716403US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

- \*\*Using Pulsed Arc Discharge And Applied Magnetic Field.  
 1.  Fee Transmittal Form (e.g., PTO/SB/17)  
*(Submit an original and a duplicate for fee processing)*

2.  Applicant claims small entity status.

See 37 CFR 1.27.

3.  Specification [Total Pages 19]  
*(preferred arrangement set forth below)*
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (*if filed*)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure

4.  Drawing(s) (35 U.S.C. 113) [Total Sheets 6]

5. Oath or Declaration [Total Sheets 2]  
 a.  Newly executed (original or copy)

- b.  Copy from a prior application (37 CFR 1.63(d))  
*(for continuation/divisional with Box 18 completed)*

- i.  **DELETION OF INVENTOR(S)**  
 Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6.  Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:  
**Commissioner for Patents  
Mail Stop Patent Application  
P.O. Box 1450  
Alexandria VA 22313-1450**

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (*Appendix*)

8. Nucleotide and/or Amino Acid Sequence Submission  
*(if applicable, all necessary)*

- a.  Computer Reader Form (CRF)

- b.  Specification Sequence Listing on:

- i.  CD-ROM or CD-R (2 copies); or

- ii.  Paper

- c.  Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9.  Assignment Papers (cover sheet & document(s))  
 10.  37 CFR 3.73(b) Statement  Power of  
*(when there is an assignee)* Attorney

11.  English Translation Document (*if applicable*)

12.  Information Disclosure Statement (IDS)/PTO-1499  Copies of IDS Citations

13.  Preliminary Amendment

14.  Return Receipt Postcard (MPEP 503)  
*(Should be specifically itemized)*

15.  Certified Copy of Priority Document(s)  
*(if foreign priority is claimed)*

16.  Nonpublication Request under 35 U.S.C. 122  
 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.

17.  Other: ....Express...Mail...Cert....

**Cover Letter, check in\*\***

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: \*\*\*amount of \$ 679.00.

 Continuation Divisional Continuation-in-part (CIP)

of prior application No.: .....

Prior application information:

Examiner \_\_\_\_\_

Art Unit: \_\_\_\_\_

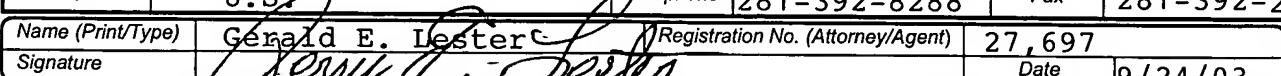
For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS** Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

OR  Correspondence address below

Name	Gerald E. Lester		
Address	22107 Fielder Dr.		
City	Katy	State	Texas
Country	U.S.	Telephone	281-392-8288
Zip Code	77450		
Fax	281-392-2850		

Name (Print/Type)	Gerald E. Lester	Registration No. (Attorney/Agent)	27,697
Signature			
	Date 9/24/03		

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

0391  
10/669858  
U.S. PTO

092403



UNITED STATES PATENT AND TRADEMARK OFFICE

U.S. Patent Application No.:

Attorney Docket No.:

NTI1002US

Filing Date:

09/24/03

Examiner:

Not Assigned

Assignee/Applicant:

Nanotechnologies, Inc.

Art Unit:

Not Assigned

Inventors: Kurt Schroder &  
Doug Jackson

For: Nanopowder Synthesis Using Pulsed Arc  
Discharge And Applied Magnetic Field

Commissioner For Patents  
U.S. Patent And Trademark Office  
Mail Stop: Patent Application  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

EXPRESS MAIL CERTIFICATION UNDER 37 CFR 1.10

Express Mail No.

Date Of Deposit

ER443716403US

September 24, 2003

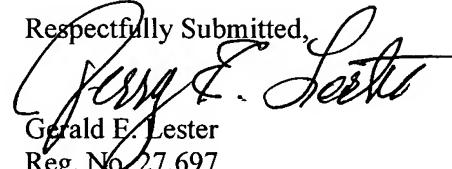
I hereby certify that the following items are being deposited with the United States Postal Service "Express Mail Post Office To Addressee" service under 37 CFR 1.10 on the date indicated above, and is addressed to Commissioner For Patents, U.S. Patent And Trademark Office, Mail Stop: Patent Application, P.O. Box 1450, Alexandria, VA 22313-1450 :

1. Patent Specification (19 pages);
2. Formal Drawings (6 sheets);
3. Cover Letter;

U.S. Patent Application  
Docket No. NTI1002US  
Express Mail Certification  
Page 2

4. Utility Patent Application Transmittal Form;
5. Declaration (2 pages);
6. Assignment (2 pages) with Recordal Sheet;
7. Power of Attorney;
8. Fee Transmittal Sheet;
9. Check In Amount Of \$679.00 US, Made Out To Director Of Patents And Trademarks; And
10. Self-Addressed And Stamped Post Card For Receipt Of Official Date Stamp Of The US Patent And Trademark Office And Return To Addressee.

Respectfully Submitted,



Gerald E. Lester  
Reg. No. 27,697  
22107 Fielder Dr.  
Katy, Texas 77450  
Ph. No. 281-392-8288  
Fx. No. 281-392-2850

UNITED STATES PATENT AND TRADEMARK OFFICE

U.S. Patent Application No.:

Attorney Docket No.:

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Examiner:

Not Assigned

Assignee/Applicant:

Nanotechnologies, Inc.

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Inventors: Kurt Schroder &  
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P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

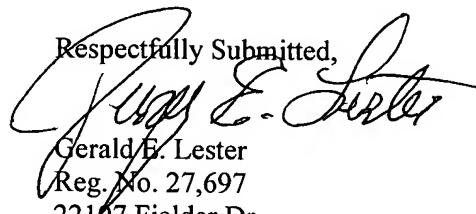
COVER LETTER

The following documents are enclosed for the filing of the above described patent application:

1. Patent Specification (19 pages);
2. Formal Drawings (6 sheets);
3. Express Mail Certification;
4. Utility Patent Application Transmittal Form;
5. Declaration (2 pages);
6. Assignment (2 pages) with Recordal Sheet;

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Docket No. NTI1002US  
Cover Letter  
Page 2

7. Power of Attorney;
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10. Self-Addressed And Stamped Post Card For Receipt Of Official Date Stamp Of The US Patent And Trademark Office And Return To Addressee.

  
Respectfully Submitted,  
Gerald E. Lester  
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22107 Fielder Dr.  
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